

Work Order ID 62799

Page 1

October 13, 2010 1:29:48 PM

Item ID: D4074-7

Accept



Setup Start



Revision ID:

Item Name: Striker Plate

Stop



Start Date: 10/08/10 Start Qty: 1.00



Cust Item ID:

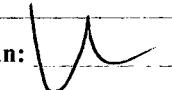
Required Date: 10/15/10 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan:



Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D4074	A

100



Waterjet

FLOW CNC Waterjet

304 .058

Memo

1-Cut as per Dwg

Dwg Rev: AProg Rev: A

2-Deburr if necessary

110



QC

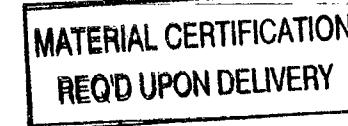
Quality Control

Memo

0.00

0.00

B10-10-13



(3)

B10-10-13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 62799

October 13, 2010 1:29:49 PM



Page 3

Item ID: D4074-7

Accept



Setup Start



Revision ID:

Item Name: Striker Plate

Stop



Start Date: 10/08/10 Start Qty: 1.00



Cust Item ID:

Required Date: 10/15/10 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp150

Powdercoat
Powder Coating

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

0.00

160

QC
Quality Control

Memo

POWDER COAT:
Start Time: _____
Oven Temperature: _____
Finish Time: _____

0.00

QC3-Inspect Part Finish

Memo

0.00

170

Packaging
PackagingIdentify as per dwg & Stock Location: 121

0.00

Memo

0.00

10/10/10

M

10.10.27 *(3)*
11/16/10 (3)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 62799

Page 4

October 13, 2010 1:29:49 PM

Item ID: D4074-7

Accept



Setup Start



Revision ID:

Item Name: Striker Plate

Stop



Start Date: 10/08/10 Start Qty: 1.00



Cust Item ID:

Required Date: 10/15/10 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInspec.
Stamp

180



QC21- Final Inspection - Work Order Release

0.00

QC

Quality Control

Memo

0.00

10-11-01

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 1

October 13, 2010 1:29:47 PM

Work Order ID: 62799



Parent Item: D4074-7



Parent Item Name: Striker Plate

Start Date: 10/08/10

Required Date: 10/15/10

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.06.08 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S18GA 		Purchased	No			100	sf	95.6879	0.0103	0.010842	 4 R 10-10-13		

304/316 .050 Sheet

Location	Loc Qty	Loc Code
MAT20	95.6879	
111743	6.55	
112178	0.8	112178
112885	0.1679	
113062	40.17	
115389	48	

(3)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	62749
Description: STRIKER PLATE	Part Number:	D4074-7
Inspection Dwg: D4074-7 Rev: A		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

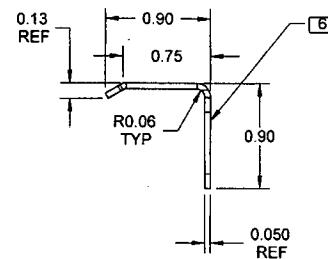
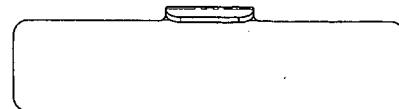
Measured by:	<u>BS</u>	Audited by:	<u>S</u>	Prototype Approval:	N/A
Date:	(6-10-13)	Date:	10/10/14	Date:	N/A

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	

8 7 6 5 4 3 2 1

D

D



D4074-7 STRIKER PLATE
(MAKE FROM D4074-7F FLAT PATTERN)

W/D
62799

RELEASED
2010-09-23
N/A

NOTES:

- 1) MATERIAL: MAKE FROM D4074-7F FLAT PATTERN
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.1
- 7) WEIGHT: 0.05 lbs

C

C

8

7

6

5

4

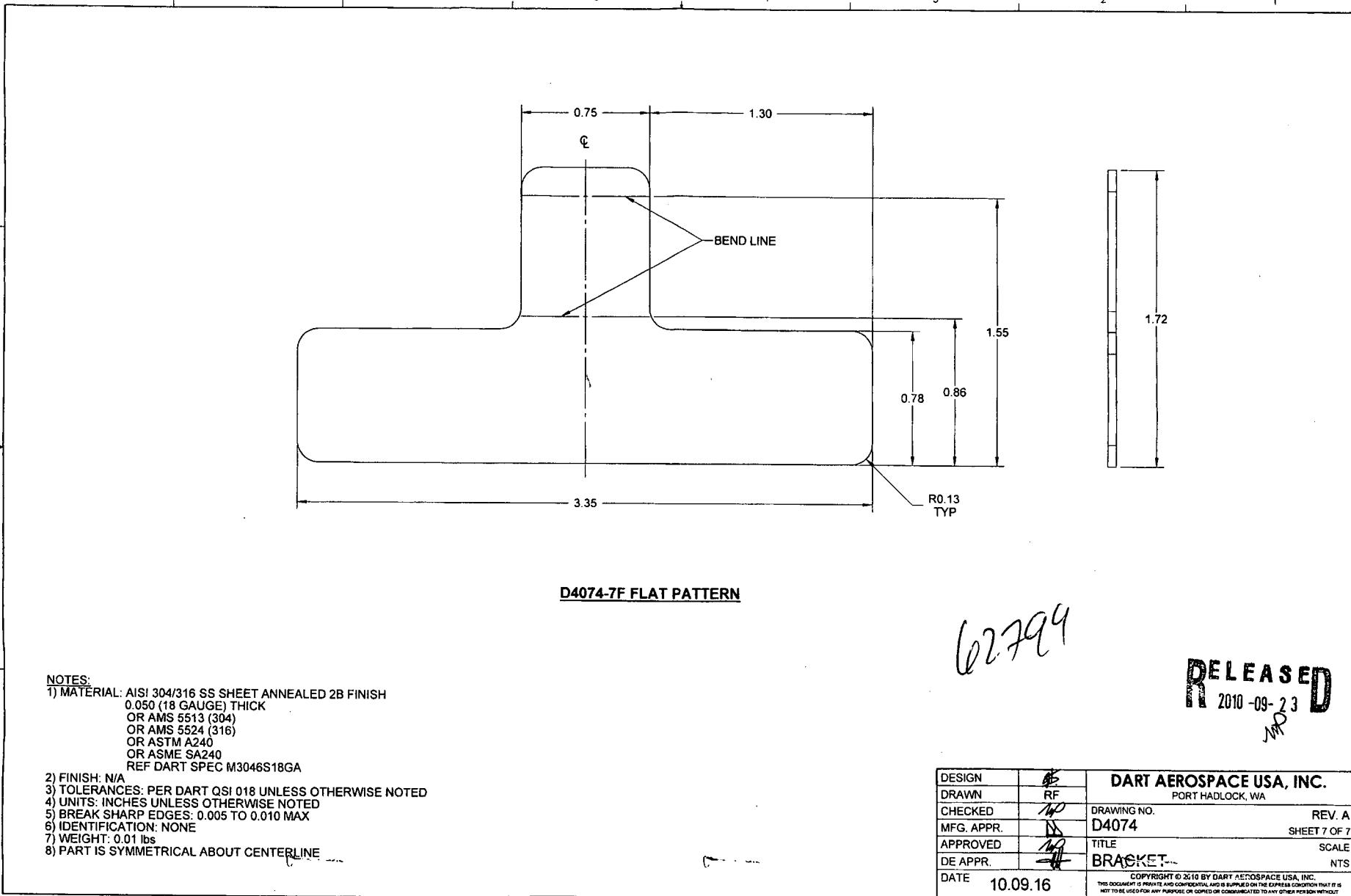
3

2

1

DESIGN	<i>RF</i>	DART AEROSPACE USA, INC.
DRAWN	RF	PORT HADLOCK, WA
CHECKED	<i>RF</i>	DRAWING NO.
MFG. APPR.	<i>RF</i>	REV. A
APPROVED	<i>RF</i>	D4074
DE APPR.	<i>RF</i>	SHEET 6 OF 7
DATE	10.09.16	TITLE
		SCALE
		N/A

COPYRIGHT © 2010 BY DART AEROSPACE USA, INC.
THIS DOCUMENT IS PROPRIETARY AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.



Receiving Report

Date: 9/2/9

Batch No: M110178

Supplier: MAGNA

Dart P/O: 10030

Packing Slip: Yes No
 Invoice: Yes No
 Receipt: Cash Cr

Release Note Attached: Yes No N/A
 Waybill Attached: Yes No
 Shipment Complete: Yes No N/A
 QCB Inspection ✓ N/A
 Work Order ✓ N/A
O10030

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
<u>D6202</u>		<u>20</u>	<u>0</u>	<u>0</u>	<u>20</u>	

Initials of receiver (if shipment OK) Level 12 CD

Production/Admin:

Date

Received/Costing

Initial

09/07/13
RCP 10030
CD

Location _____

RECEIVED

JUL 23 2009

SOLD TO:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY , ON
 K6A 1K7

SHIP TO:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY , ON
 K6A 1K7

MTR:Y

INVOICE DATE:	07/16/09
ORDER DATE:	07/09/09
SHIP DATE:	07/16/09
ORDER NUMBER:	W015570
PURCHASE ORDER:	PO10030

Currency	Sales Person			Ship Via	F.O.B.	Terms	
CANADIAN DOLLARS				ERYCK BLAIS	NIR:R-557065-1	PREPAID	NET 30 DAYS
Ln	Back Ordered	Ordered	Unit	Description	Shipped	Price Per	Value
		1	PC	ALUMINUM - PCS 6061-T6 I-BEAM 4.00 X .326 X 25' L029408 1 PC	1 UN	695.00	<i>Ch 202</i>

07/17/09 15:08:36

Merchandise:	695.00
Surcharge:	
No Tax Costs:	
GST	34.75
Total Due:	

Title to the goods sent out on this invoice remains with Magna Stainless Div of CSM ULC until such time as this invoice has been paid in full. Unless otherwise noted terms are 30 days. Interest accrues on all overdue accounts at the rate of 1.5% per month compounded monthly.

Q.S.T. # 1213236471
 G.S.T. # 881565899 RT0001

Purchase Order Receipt Listing

Page 1 of 1

July 13, 2009 8:15:50 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO10030 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Reference (Item, WO, GL)

Purchase Order ID	Line Nbr/Insp Req	Project ID	Vendor ID/ Name/Currency Type	PO U/M / Stock U/M	Req Date	Req Qty	Recv Date/Recv Emp	Recv Qty	Cost Per Unit/Recv Value	Inspected Qty/Rejected Qty	MRB Qty/ MRB Reject Qty	Book Amt
Reference:\Description				M304S18GA	304/316 .050 Sheet	112178						
PO10030	1 No		VC-MAG002 Magna Stainless CAD	sf sf	7/08/09	160.0000	7/13/09 LAVO01	160.0000	\$5.00 \$800.00	0.0000 0.0000	0 0	\$800.00
										Total Received Quantity:		160.0000
										Total Quantity to Inspect (PO U/M):		0.0000
										Total Reject Quantity:		0.0000
										Total Receipt Value:		\$800.00
										Total Balance Due Quantity:		0.0000

I014049

Page: 1 of 1

SOLD TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY , ON
K6A 1K7
Contact: CHANTAL

SHIP TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY , ON
K6A 1K7
Ship Terms: PREPAID

SPECIAL INSTRUCTIONS	
STOCK	

MTR: Y

Currency	Sales Person		Customer Phone	Customer Fax	Customer PO
CANADIAN DOLLARS	ERYCK BLAIS		(613) 632-5200	(613) 632-1053	P010030
Sales Order	Terms	Ship Via	Date Ordered	Date Required	Date Shipped
W015510	NET 30 DAYS ✓	NIR:R-557065-1	07/08/09	07/09/09	07/09/09

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
5 ✓ <i>✓✓✓✓✓</i>		PC	STAINLESS SHEET SSH 304 2B 18ga x 48" x 96"	335 LB / 5 PC	L028387	SC17938 5
Skids: 1				Total	Weight:	35 LB

Rec'd by: _____

Date: _____

Sign: _____



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO10030

Purchase Order Date 7/08/09
PO Print Date 7/08/09

Page Number 1 of 1

Order From :

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

VC-MAG002

FAXED
6/9/676

Contact Name

Vendor Phone 800 363 6646
Vendor Fax 514 339 1105
Vendor Account Nbr.

Buyer

Requisition Nbr

Tax Resale Nbr 6122-5207

Terms Net 30

Currency

FOB

FOR

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304S18GA	304/316 .050 Sheet	7/08/09 Yes	✓ 160.00 sf	Yours ppd <i>PC 9/11/09</i>	\$5.0000	\$800.00
		Special Inst:	MATERIAL: AISI 304/316 SHEET ANNEALED 2B FINISH AS PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240				
2	D6202P A	I Beam Extrusion	7/08/09 Yes	20.00 f	Yours ppd <i>PC 9/11/09</i>	\$34.7500	\$695.00
		Special Inst:	DESCRIPTION AMERICAN STANDARD I-BEAM SIZE: 4.000" X 1.796" X 0.326" THICK MATERIAL: 6061-T6 / T651 AS PER QQ-A-200/8 MINIMUM ULTIMATE TENSILE STRENGHT = 38 KSI MINIMUM YIELD TENSILE STRENGHT = 35 KSI				

**MATERIAL CERTIFICATION
REQ'D UPON DELIVERY**

No substitution or deviation without consent.
Certificate of Conformity or Material Certification required when applicable

Change Nbr: 2

Change Date: 7/08/09

POSCO Mill Test Certificate/검사증명서 M0 17117

Order No./계약번호: 0008353485

Supplier/주문자: DAE WOO INTERNATIONAL CORP.

Customer/구매처: MAGNA STAINLESS INC.

PO No./제작번호: 3353485

Certificate No./증명서번호: 080910-PRSE-010-001

Date of Issue/발행일자: Sep., 16, 2008

Surface Finish/표면마무리: NO.2B

Commodity/품목: STAINLESS COLD ROLLED COIL

Spec & Type/규격: ASTM A240-304

Size/차수	Product No. 제품번호	Quan- tity 수량	Weight (kg) 중량 (kg)	Heat No. 제작번호	P. o. s. t. o. n.	Tensile Strength/인장시험 (MPa)			Hard- ness/ 경도 HRC	O. v. s. t.	Chemical Composition/화학성분(%)									
						UTS (kg/mm²)	TS (kg/mm²)	EL (%)			C	Si	Mn	P	S	Cr	Ni	Cu	Mo	N
0.86x1219xC	QEH079A	1	4,677	SE37926	T	266	643	60	82.0	L	0.09	0.52	1.065	283	56	1818	804	442	23	361
0.90x1219xC	QEH079B	1	4,677	SE37926	B	277	649	60	83.5	L	0.09	0.58	1.055	293	65	1816	804	442	23	361
*** Sub Total		119							83.5											
1.20x1219xC	QEH0031B	1	5,649	SC17938	T	261	651	60	82.3	L	0.09	0.52	1.031	335	55	1811	804	399	15	392
1.20x1219xC	QEH0031C	1	4,190	SC17938	B	288	663	59	84.7	L	0.09	0.52	1.031	335	55	1811	804	399	15	392
1.20x1219xC	QEH0031D	1	6,526	SC17938	T	281	663	59	84.7	L	0.09	0.52	1.031	335	55	1811	804	399	15	392
*** Sub Total		120							84.7											
1.50x1219xC	QEH0030A	1	5,369	SC17797	T	285	643	58	83.7	L	0.09	0.52	1.052	307	49	1802	803	389	14	439
1.50x1219xC	QEH0030B	1	5,379	SC17797	B	287	646	56	86.0	L	0.09	0.52	1.052	307	49	1802	803	389	14	439
1.50x1219xC	QEH0030C	1	5,225	SC17797	T	285	643	58	83.7	L	0.09	0.52	1.052	307	49	1802	803	389	14	439
*** Sub Total		130							86.0											
									15,973 (kg)											

Position - T: Top, M: Middle, B: Bottoms

Tensile Test - Direction : Transversal, Gauge Length: 50mm (Rectangular)

UTP Method: 0.2% off-set

Division: L: Laddle Analysis

Chemical Composition Unit: 2-x1100, 3-x14000, 4-x140000, 5-x1100000

Tr : It is within the standard range(+0.008%) and include trace element

We hereby certify that the material herein has been made in accordance with the order and specification.

Test Certificate is issued according to EN10204-3.1B.
This Mill Test Certificate cannot be copied for any purpose.

Surveyor To:

POSCO Pohang Works, 5 Dongchon-dong, Nam-gu, Pohang-si, Gyeongsangbuk-do, 790-785, Korea

W.G. Jo
Chief of material testing section
Jo, Won

~~CUSTOMER INFORMATION~~

**DART AEROSPACE LTD
1270 ABERDEEN STREET**

HAWKESBURY, ON K6A1K7

Ship Date: 07/09/09

Ship Via: NIR:R-557065-1

PRODUCT INFORMATION

SSH 304 2B 18ga x 48" x 96"

Heat: SC17938

Location: A6F

Qty: 335 LB Pcs: 5

ORDER INFORMATION

Order No: I014049



Line: 0001 - Tag 1 Of 1

Customer PO: P010030

MAGNA STAINLESS INC.

07/08/09 16:18:

RUSH 12

NOTE SHEET



Project ~~MP#~~ # : 00267

Part# : D3849-047

Description : Wearplate ass'y

If item not required write N/A in "responsible" column

Item	Action required	Responsible	Due Date	Done by / Date
1	M304S18GA 0.050" thick Batch: _____ Cut D3849-7 as per dwg	X 128 SF magna		
2	M-NEO60-S.063 black neo 0.063" batch: _____ Cut D3848-7 as per dwg			
3	M304B0.500X2500 SS bar Batch: _____ Cut D3901-1 as per dwg			
4	Bend wearplate as per dwg			
5	Weld as per dwg D3849			
6	QC 9 / QC 5			
7	Powdercoat gray sandtex per QSI 005			
8	QC 3			
9	Bond gasket as per dwg			
10	QC 5			
11	Identify and Stock			
12				
13				

Chantal Lavoie

From: Eryck Blais [eblais@magnastainless.com]
Sent: July 7, 2009 1:11 PM
To: 'Chantal Lavoie'
Subject: RE: QUOTE

THANK YOU
ERYCK

From: Chantal Lavoie [mailto:clavoie@dartaero.com]
Sent: Monday, July 06, 2009 3:20 PM
To: Eryck Blais
Subject: QUOTE

Please advise price & delivery on material.
6061-T6 I-Beam size: 4" x 2.796" x .326" thick x 20ft \$695.00 EACH DELAY 5-7 DAYS
304 sheet 18ga x 160 sf 5 PCS \$160.00 EACH STOCK CAN DEL'D TOMMOR

Thanks

Chantal

Chantal Lavoie

From: Eryck Blais [eblais@magnastainless.com]
Sent: July 7, 2009 1:11 PM
To: 'Chantal Lavoie'
Subject: RE: QUOTE

THANK YOU
ERYCK

From: Chantal Lavoie [mailto:clavoie@dartaero.com]
Sent: Monday, July 06, 2009 3:20 PM
To: Eryck Blais
Subject: QUOTE

Please advise price & delivery on material.

6061-T6 I-Beam size: 4" x 2.796" x .326" thick x 20ft \$695.00 EACH DELAY 5-7 DAYS
304 sheet 18ga x 160 sf 5 PCS \$160.00 EACH STOCK CAN DEL'D TOMMOR

Thanks

Chantal

Standard 4" x 3" + 3/16.